

L Number	Hits	Search Text	DB	Time stamp
1	2	(Cox.in. or Microfab.as. or Guan.in.) and ((microlens\$2 or (micro adj lens\$2)) with (gradient\$2 or gradial\$2))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/19 09:05
2	8	(Cox.in. or Microfab.as. or Guan.in.) and ((microlens\$2 or (micro adj lens\$2)) with (print\$3 or inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or (drop near2 demand)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/19 09:11
3	4	(Cox.in. or Microfab.as. or Guan.in.) and (microlens\$2 or (micro adj lens\$2) or \$5lenslet) same ((differ\$4 or vary\$3 or varies or first or second or higher or lower or greater or lesser or distribut\$4 or gradient or gradient or axial\$2) near4 (index near2 refract\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/19 09:15
4	2098	(427/508,510,511,553,558,595).CCLS.	USPAT; US-PGPUB	2004/02/19 08:56
5	2223	(427/162,163.2,164).CCLS.	USPAT; US-PGPUB	2004/02/19 08:56
6	1907	(427/256,258,261).CCLS.	USPAT; US-PGPUB	2004/02/19 08:56
7	4529	(427/379,384,385.5).CCLS.	USPAT; US-PGPUB	2004/02/19 08:56
8	1740	(427/407.1).CCLS.	USPAT; US-PGPUB	2004/02/19 08:56
9	2946	(347/1,6,11,40,54,56,68,102).CCLS.	USPAT; US-PGPUB	2004/02/19 08:57
10	2224	(359/652,653,900).CCLS.	USPAT; US-PGPUB	2004/02/19 08:57
11	16227	((427/508,510,511,553,558,595).CCLS.) ((427/162,163.2,164).CCLS.) ((427/256,258,261).CCLS.) ((427/379,384,385.5).CCLS.) ((427/407.1).CCLS.) ((347/1,6,11,40,54,56,68,102).CCLS.) ((359/652,653,900).CCLS.)	USPAT; US-PGPUB	2004/02/19 08:57
12	0	((427/508,510,511,553,558,595).CCLS.) ((427/162,163.2,164).CCLS.) ((427/256,258,261).CCLS.) ((427/379,384,385.5).CCLS.) ((427/407.1).CCLS.)) and ((347/1,6,11,40,54,56,68,102).CCLS.) and ((359/652,653,900).CCLS.)	USPAT; US-PGPUB	2004/02/19 09:01
13	0	((347/1,6,11,40,54,56,68,102).CCLS.) and ((359/652,653,900).CCLS.)	USPAT; US-PGPUB	2004/02/19 08:58
14	50	((427/508,510,511,553,558,595).CCLS.) ((427/162,163.2,164).CCLS.) ((427/256,258,261).CCLS.) ((427/379,384,385.5).CCLS.) ((427/407.1).CCLS.)) and ((359/652,653,900).CCLS.)	USPAT; US-PGPUB	2004/02/19 08:58
15	20	((427/508,510,511,553,558,595).CCLS.) ((427/162,163.2,164).CCLS.) ((427/256,258,261).CCLS.) ((427/379,384,385.5).CCLS.) ((427/407.1).CCLS.)) and ((347/1,6,11,40,54,56,68,102).CCLS.)	USPAT; US-PGPUB	2004/02/19 09:01
16	11	((427/508,510,511,553,558,595).CCLS.) ((427/162,163.2,164).CCLS.) ((427/256,258,261).CCLS.) ((427/379,384,385.5).CCLS.) ((427/407.1).CCLS.) ((347/1,6,11,40,54,56,68,102).CCLS.) ((359/652,653,900).CCLS.)) and ((microlens\$2 or (micro adj lens\$2) or \$5lenslet) with (gradient\$2 or gradial\$2))	USPAT; US-PGPUB	2004/02/19 09:50

17	17	((427/508,510,511,553,558,595).CCLS.) ((427/162,163.2,164).CCLS.) ((427/256,258,261).CCLS.) ((427/379,384,385.5).CCLS.) ((427/407.1).CCLS.) ((347/1,6,11,40,54,56,68,102).CCLS.) ((359/652,653,900).CCLS.)) and ((microlens\$2 or (micro adj lens\$2) or \$5lenslet) with (print\$3 or inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or (drop near2 demand)))	USPAT; US-PGPUB	2004/02/19 09:56
18	25	((427/508,510,511,553,558,595).CCLS.) ((427/162,163.2,164).CCLS.) ((427/256,258,261).CCLS.) ((427/379,384,385.5).CCLS.) ((427/407.1).CCLS.) ((347/1,6,11,40,54,56,68,102).CCLS.) ((359/652,653,900).CCLS.)) and (microlens\$2 or (micro adj lens\$2) or \$5lenslet) same ((differ\$4 or vary\$3 or varies or first or second or higher or lower or greater or lesser or distribut\$4 or gradient or gradient or axial\$2) near4 (index near2 refract\$4))	USPAT; US-PGPUB	2004/02/19 10:01
19	12	((((427/508,510,511,553,558,595).CCLS.) ((427/162,163.2,164).CCLS.) ((427/256,258,261).CCLS.) ((427/379,384,385.5).CCLS.) ((427/407.1).CCLS.) ((347/1,6,11,40,54,56,68,102).CCLS.) ((359/652,653,900).CCLS.)) and (microlens\$2 or (micro adj lens\$2) or \$5lenslet) same ((differ\$4 or vary\$3 or varies or first or second or higher or lower or greater or lesser or distribut\$4 or gradient or gradient or axial\$2) near4 (index near2 refract\$4))) not (((427/508,510,511,553,558,595).CCLS.) ((427/162,163.2,164).CCLS.) ((427/256,258,261).CCLS.) ((427/379,384,385.5).CCLS.) ((427/407.1).CCLS.) ((347/1,6,11,40,54,56,68,102).CCLS.) ((359/652,653,900).CCLS.)) and (microlens\$2 or (micro adj lens\$2) or \$5lenslet) with (print\$3 or inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or (drop near2 demand)))) or (((427/508,510,511,553,558,595).CCLS.) ((427/162,163.2,164).CCLS.) ((427/256,258,261).CCLS.) ((427/379,384,385.5).CCLS.) ((427/407.1).CCLS.) ((347/1,6,11,40,54,56,68,102).CCLS.) ((359/652,653,900).CCLS.)) and (microlens\$2 or (micro adj lens\$2) or \$5lenslet) with (gradient\$2 or gradial\$2))))	USPAT; US-PGPUB	2004/02/19 09:15
20	4	((427/508,510,511,553,558,595).CCLS.) ((427/162,163.2,164).CCLS.) ((427/256,258,261).CCLS.) ((427/379,384,385.5).CCLS.) ((427/407.1).CCLS.) ((347/1,6,11,40,54,56,68,102).CCLS.) ((359/652,653,900).CCLS.)) and (microlens\$2 or (micro adj lens\$2) or \$5lenslet) with (gradient\$2 or gradial\$2))))	USPAT; US-PGPUB	2004/02/19 09:20
21	2	("9722893").PN.	EPO; JPO; DERWENT; IBM TDB	2004/02/19 09:21

22	0	("199722893").PN.	EPO; JPO; DERWENT; IBM TDB	2004/02/19 09:21
23	0	("0022893").PN.	EPO; JPO; DERWENT; IBM TDB	2004/02/19 09:21
24	2	((microlens\$2 or (micro adj lens\$2) or \$5lenslet) same (gradient\$2 or gradial\$2 or graded) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand))) and ((427/508,510,511,553,558,595).CCLS.) (427/162,163.2,164).CCLS.) (427/256,258,261).CCLS.) (427/379,384,385.5).CCLS.) (427/407.1).CCLS.) (347/1,6,11,40,54,56,68,102).CCLS.) (359/652,653,900).CCLS.)	USPAT; US-PGPUB	2004/02/19 09:37
25	1	((427/508,510,511,553,558,595).CCLS.) (427/162,163.2,164).CCLS.) (427/256,258,261).CCLS.) (427/379,384,385.5).CCLS.) (427/407.1).CCLS.) (347/1,6,11,40,54,56,68,102).CCLS.) (359/652,653,900).CCLS.) and ((microlens\$2 or (micro adj lens\$2) or \$5lenslet) same ((differ\$4 or vary\$3 or varies or first or second or higher or lower or greater or lesser or distribut\$4 or gradient or gradient or axial\$2) near4 (index near2 refract\$4)) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand)))	USPAT; US-PGPUB	2004/02/19 09:40
26	28	((lens\$2) same (gradient\$2 or gradial\$2 or graded) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand))) and ((427/508,510,511,553,558,595).CCLS.) (427/162,163.2,164).CCLS.) (427/256,258,261).CCLS.) (427/379,384,385.5).CCLS.) (427/407.1).CCLS.) (347/1,6,11,40,54,56,68,102).CCLS.) (359/652,653,900).CCLS.)	USPAT; US-PGPUB	2004/02/19 09:28
27	26	((lens\$2) same (gradient\$2 or gradial\$2 or graded) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand))) and ((427/508,510,511,553,558,595).CCLS.) (427/162,163.2,164).CCLS.) (427/256,258,261).CCLS.) (427/379,384,385.5).CCLS.) (427/407.1).CCLS.) (347/1,6,11,40,54,56,68,102).CCLS.) (359/652,653,900).CCLS.)) not ((microlens\$2 or (micro adj lens\$2) or \$5lenslet) same (gradient\$2 or gradial\$2 or graded) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand))) and ((427/508,510,511,553,558,595).CCLS.) (427/162,163.2,164).CCLS.) (427/256,258,261).CCLS.) (427/379,384,385.5).CCLS.) (427/407.1).CCLS.) (347/1,6,11,40,54,56,68,102).CCLS.) (359/652,653,900).CCLS.))	USPAT; US-PGPUB	2004/02/19 09:28

28	15	((427/508,510,511,553,558,595).CCLS.) ((427/162,163.2,164).CCLS.) ((427/256,258,261).CCLS.) ((427/379,384,385.5).CCLS.) ((427/407.1).CCLS.) ((347/1,6,11,40,54,56,68,102).CCLS.) ((359/652,653,900).CCLS.)) and ((lens\$2) same ((differ\$4 or vary\$3 or varies or first or second or higher or lower or greater or lesser or distribut\$4 or gradient or gradient or axial\$2) near4 (index near2 refract\$4)) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand)))	USPAT; US-PGPUB	2004/02/19 10:37
29	14	((427/508,510,511,553,558,595).CCLS.) ((427/162,163.2,164).CCLS.) ((427/256,258,261).CCLS.) ((427/379,384,385.5).CCLS.) ((427/407.1).CCLS.) ((347/1,6,11,40,54,56,68,102).CCLS.) ((359/652,653,900).CCLS.)) and ((lens\$2) same ((differ\$4 or vary\$3 or varies or first or second or higher or lower or greater or lesser or distribut\$4 or gradient or gradient or axial\$2) near4 (index near2 refract\$4)) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand)))) not (((427/508,510,511,553,558,595).CCLS.) ((427/162,163.2,164).CCLS.) ((427/256,258,261).CCLS.) ((427/379,384,385.5).CCLS.) ((427/407.1).CCLS.) ((347/1,6,11,40,54,56,68,102).CCLS.) ((359/652,653,900).CCLS.)) and ((microlens\$2 or (micro adj lens\$2) or \$5lenslet) same ((differ\$4 or vary\$3 or varies or first or second or higher or lower or greater or lesser or distribut\$4 or gradient or gradient or axial\$2) near4 (index near2 refract\$4)) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand))))	USPAT; US-PGPUB	2004/02/19 09:29
30	1	((microlens\$2 or (micro adj lens\$2) or \$5lenslet) same ((cap or top or upper or above) with (base or below or lower or bottom) with (diffus\$5 or interdiffus\$5 or mix\$3))) and (((427/508,510,511,553,558,595).CCLS.) ((427/162,163.2,164).CCLS.) ((427/256,258,261).CCLS.) ((427/379,384,385.5).CCLS.) ((427/407.1).CCLS.) ((347/1,6,11,40,54,56,68,102).CCLS.) ((359/652,653,900).CCLS.))	USPAT; US-PGPUB	2004/02/19 10:07
31	1	((microlens\$2 or (micro adj lens\$2) or \$5lenslet) same ((cap or top or upper or above) with (base or below or lower or bottom) with (index near2 refract\$4))) and (((427/508,510,511,553,558,595).CCLS.) ((427/162,163.2,164).CCLS.) ((427/256,258,261).CCLS.) ((427/379,384,385.5).CCLS.) ((427/407.1).CCLS.) ((347/1,6,11,40,54,56,68,102).CCLS.) ((359/652,653,900).CCLS.))	USPAT; US-PGPUB	2004/02/19 10:08

32	18	((microlens\$2 or (micro adj lens\$2) or \$5lenslet) with ((diffus\$5 or interdiffus\$5 or mix\$3))) and ((427/508,510,511,553,558,595).CCLS.) ((427/162,163.2,164).CCLS.) ((427/256,258,261).CCLS.) ((427/379,384,385.5).CCLS.) ((427/407.1).CCLS.) ((347/1,6,11,40,54,56,68,102).CCLS.) ((359/652,653,900).CCLS.))	USPAT; US-PGPUB	2004/02/19 09:34
33	17	((microlens\$2 or (micro adj lens\$2) or \$5lenslet) with ((diffus\$5 or interdiffus\$5 or mix\$3))) and ((427/508,510,511,553,558,595).CCLS.) ((427/162,163.2,164).CCLS.) ((427/256,258,261).CCLS.) ((427/379,384,385.5).CCLS.) ((427/407.1).CCLS.) ((347/1,6,11,40,54,56,68,102).CCLS.) ((359/652,653,900).CCLS.)) not ((microlens\$2 or (micro adj lens\$2) or \$5lenslet) same ((cap or top or upper or above) with (base or below or lower or bottom) with (index near2 refract\$4))) and ((427/508,510,511,553,558,595).CCLS.) ((427/162,163.2,164).CCLS.) ((427/256,258,261).CCLS.) ((427/379,384,385.5).CCLS.) ((427/407.1).CCLS.) ((347/1,6,11,40,54,56,68,102).CCLS.) ((359/652,653,900).CCLS.))	USPAT; US-PGPUB	2004/02/19 09:34
34	24	((microlens\$2 or (micro adj lens\$2) or \$5lenslet or microoptical\$2 or (micro adj optical\$2)) same (gradient\$2 or gradial\$2 or graded) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand)))	USPAT; US-PGPUB	2004/02/19 09:58
35	22	((microlens\$2 or (micro adj lens\$2) or \$5lenslet or microoptical\$2 or (micro adj optical\$2)) same (gradient\$2 or gradial\$2 or graded) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand))) ) not ((microlens\$2 or (micro adj lens\$2) or \$5lenslet) same (gradient\$2 or gradial\$2 or graded) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand))) and ((427/508,510,511,553,558,595).CCLS.) ((427/162,163.2,164).CCLS.) ((427/256,258,261).CCLS.) ((427/379,384,385.5).CCLS.) ((427/407.1).CCLS.) ((347/1,6,11,40,54,56,68,102).CCLS.) ((359/652,653,900).CCLS.))	USPAT; US-PGPUB	2004/02/19 09:37
36	10	((microlens\$2 or (micro adj lens\$2) or \$5lenslet or microoptical\$2 or (micro adj optical\$2)) same (GRIN or AGRIN) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand)))	USPAT; US-PGPUB	2004/02/19 09:39

37	2	((microlens\$2 or (micro adj lens\$2) or \$5lenslet or microoptical\$2 or (micro adj optical\$2)) same (GRIN or AGRIN) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand))) ) not (((microlens\$2 or (micro adj lens\$2) or \$5lenslet or microoptical\$2 or (micro adj optical\$2)) same (gradient\$2 or gradial\$2 or graded) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand))) ) not (((microlens\$2 or (micro adj lens\$2) or \$5lenslet) same (gradient\$2 or gradial\$2 or graded) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand))) and (((427/508,510,511,553,558,595).CCLS.) ((427/162,163.2,164).CCLS.) ((427/256,258,261).CCLS.) ((427/379,384,385.5).CCLS.) ((427/407.1).CCLS.) ((347/1,6,11,40,54,56,68,102).CCLS.) ((359/652,653,900).CCLS.))))	USPAT; US-PGPUB	2004/02/19 09:39
38	11	((microlens\$2 or (micro adj lens\$2) or \$5lenslet or microoptic\$3 or (micro adj optic\$3)) same ((differ\$4 or vary\$3 or varies or first or second or higher or lower or greater or lesser or distribut\$4 or gradient or gradient or axial\$2) near4 (index near2 refract\$4)) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand)))	USPAT; US-PGPUB	2004/02/19 10:37
39	276	((lens\$2) same (gradient\$2 or gradial\$2 or graded or GRIN or AGRIN) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand)))	USPAT; US-PGPUB	2004/02/19 09:43

40	224	(((lens\$2) same (gradient\$2 or gradial\$2 or graded or GRIN or AGRIN) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand))) ) not (((lens\$2) same (gradient\$2 or gradial\$2 or graded) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand))) and (((427/508,510,511,553,558,595).CCLS.) (427/162,163.2,164).CCLS.) (427/256,258,261).CCLS.) (427/379,384,385.5).CCLS.) (427/407.1).CCLS.) (347/1,6,11,40,54,56,68,102).CCLS.) (359/652,653,900).CCLS.))) or (((lens\$2) same (gradient\$2 or gradial\$2 or graded) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand))) and (((427/508,510,511,553,558,595).CCLS.) (427/162,163.2,164).CCLS.) (427/256,258,261).CCLS.) (427/379,384,385.5).CCLS.) (427/407.1).CCLS.) (347/1,6,11,40,54,56,68,102).CCLS.) (359/652,653,900).CCLS.))) not (((microlens\$2 or (micro adj lens\$2) or \$5lenslet) same (gradient\$2 or gradial\$2 or graded) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand))) and (((427/508,510,511,553,558,595).CCLS.) (427/162,163.2,164).CCLS.) (427/256,258,261).CCLS.) (427/379,384,385.5).CCLS.) (427/407.1).CCLS.) (347/1,6,11,40,54,56,68,102).CCLS.) (359/652,653,900).CCLS.))) or (((microlens\$2 or (micro adj lens\$2) or \$5lenslet or microoptical\$2 or (micro adj optical\$2)) same (gradient\$2 or gradial\$2 or graded) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand))) ) or (((microlens\$2 or (micro adj lens\$2) or \$5lenslet or microoptical\$2 or (micro adj optical\$2)) same (GRIN or AGRIN) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand))) ) or (((microlens\$2 or (micro adj lens\$2) or \$5lenslet or microoptic\$3 or (micro adj optic\$3)) same ((differ\$4 or vary\$3 or varies or first or second or higher or lower or greater or lesser or distribut\$4 or gradient or gradient or axial\$2) near4 (index near2 refract\$4)) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand))))))	USPAT; US-PGPUB	2004/02/19 09:48
41	130	((lens\$2) same ((differ\$4 or vary\$3 or varies or first or second or higher or lower or greater or lesser or distribut\$4 or gradient or gradient or axial\$2) near4 (index near2 refract\$4)) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand)))	USPAT; US-PGPUB	2004/02/19 09:48

42	120	<p>((lens\$2) same ((differ\$4 or vary\$3 or varies or first or second or higher or lower or greater or lesser or distribut\$4 or gradient or gradient or axial\$2) near4 (index near2 refract\$4)) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand)))) not (((lens\$2) same (gradient\$2 or gradial\$2 or graded) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand)))) and ((427/508,510,511,553,558,595).CCLS.) (427/162,163.2,164).CCLS.) (427/256,258,261).CCLS.) (427/379,384,385.5).CCLS.) (427/407.1).CCLS.) (347/1,6,11,40,54,56,68,102).CCLS.) (359/652,653,900).CCLS.))) or (((lens\$2) same (gradient\$2 or gradial\$2 or graded) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand)))) and ((427/508,510,511,553,558,595).CCLS.) (427/162,163.2,164).CCLS.) (427/256,258,261).CCLS.) (427/379,384,385.5).CCLS.) (427/407.1).CCLS.) (347/1,6,11,40,54,56,68,102).CCLS.) (359/652,653,900).CCLS.))) not (((microlens\$2 or (micro adj lens\$2) or \$5lenslet) same (gradient\$2 or gradial\$2 or graded) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand)))) and ((427/508,510,511,553,558,595).CCLS.) (427/162,163.2,164).CCLS.) (427/256,258,261).CCLS.) (427/379,384,385.5).CCLS.) (427/407.1).CCLS.) (347/1,6,11,40,54,56,68,102).CCLS.) (359/652,653,900).CCLS.))) or (((microlens\$2 or (micro adj lens\$2) or \$5lenslet or microoptical\$2 or (micro adj optical\$2)) same (gradient\$2 or gradial\$2 or graded) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand)))) ) or (((microlens\$2 or (micro adj lens\$2) or \$5lenslet or microoptical\$2 or (micro adj optical\$2)) same (GRIN or AGRIN) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand)))) ) or (((microlens\$2 or (micro adj lens\$2) or \$5lenslet or microoptic\$3 or (micro adj optic\$3)) same ((differ\$4 or vary\$3 or varies or first or second or higher or lower or greater or lesser or distribut\$4 or gradient or gradient or axial\$2) near4 (index near2 refract\$4)) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand))))))</p>	USPAT; US-PGPUB	2004/02/19 09:48
----	-----	---	--------------------	------------------



43	97	<p> ((((lens\$2) same ((differ\$4 or vary\$3 or varies or first or second or higher or lower or greater or lesser or distribut\$4 or gradient or gradient or axial\$2) near4 (index near2 refract\$4)) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand)))) not (((lens\$2) same (gradient\$2 or gradial\$2 or graded) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand))) and (((427/508,510,511,553,558,595).CCLS.) (427/162,163.2,164).CCLS.) (427/256,258,261).CCLS.) (427/379,384,385.5).CCLS.) (427/407.1).CCLS.) (347/1,6,11,40,54,56,68,102).CCLS.) (359/652,653,900).CCLS.))) or (((lens\$2) same (gradient\$2 or gradial\$2 or graded) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand))) and (((427/508,510,511,553,558,595).CCLS.) (427/162,163.2,164).CCLS.) (427/256,258,261).CCLS.) (427/379,384,385.5).CCLS.) (427/407.1).CCLS.) (347/1,6,11,40,54,56,68,102).CCLS.) (359/652,653,900).CCLS.))) not (((microlens\$2 or (micro adj lens\$2) or \$5lenslet) same (gradient\$2 or gradial\$2 or graded) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand))) and (((427/508,510,511,553,558,595).CCLS.) (427/162,163.2,164).CCLS.) (427/256,258,261).CCLS.) (427/379,384,385.5).CCLS.) (427/407.1).CCLS.) (347/1,6,11,40,54,56,68,102).CCLS.) (359/652,653,900).CCLS.))) or (((microlens\$2 or (micro adj lens\$2) or \$5lenslet or microoptical\$2 or (micro adj optical\$2)) same (gradient\$2 or gradial\$2 or graded) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand))) ) or (((microlens\$2 or (micro adj lens\$2) or \$5lenslet or microoptical\$2 or (micro adj optical\$2)) same (GRIN or AGRIN) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand))) ) or (((microlens\$2 or (micro adj lens\$2) or \$5lenslet or microoptic\$3 or (micro adj optic\$3)) same ((differ\$4 or vary\$3 or varies or first or second or higher or lower or greater or lesser or distribut\$4 or gradient or gradient or axial\$2) near4 (index near2 refract\$4)) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand)))))) not (((lens\$2) same (gradient\$2 or gradial\$2 or graded or GRIN or AGRIN) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand))) ) not (((lens\$2) same (gradient\$2 or gradial\$2 or graded) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand))) and (((427/508,510,511,553,558,595).CCLS.) (427/162,163.2,164).CCLS.) (427/256,258,261).CCLS.) (427/379,384,385.5).CCLS.) (427/407.1).CCLS.) (347/1,6,11,40,54,56,68,102).CCLS.) (359/652,653,900).CCLS.))) </p>	USPAT; US-PGPUB	2004/02/19 09:48
Search History	2/19/04 11:54:11 AM	Page 9		
C:\APPS\EAST\Workspaces\407\82411.WPD				

44	407	((microlens\$2 or (micro adj lens\$2) or \$5lenslet or microoptical or (micro adj optical\$3)) with (gradient\$2 or gradial\$2 or GRIN or AGRIN))	USPAT; US-PGPUB	2004/02/19 09:51
45	124	((microlens\$2 or (micro adj lens\$2) or \$5lenslet or microoptical or (micro adj optical\$3)) with (gradient\$2 or gradial\$2 or GRIN or AGRIN))) and (print\$3 or inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or (drop near2 demand))	USPAT; US-PGPUB	2004/02/19 10:02

46	118	<p>(((microlens\$2 or (micro adj lens\$2) or \$5lenslet or microoptical or (micro adj optical\$3)) with (gradient\$2 or gradial\$2 or GRIN or AGRIN))) and (print\$3 or inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or (drop near2 demand))) not (((lens\$2) same ((differ\$4 or vary\$3 or varies or first or second or higher or lower or greater or lesser or distribut\$4 or gradient or gradient or axial\$2) near4 (index near2 refract\$4)) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand)))) or (((lens\$2) same ((differ\$4 or vary\$3 or varies or first or second or higher or lower or greater or lesser or distribut\$4 or gradient or gradient or axial\$2) near4 (index near2 refract\$4)) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand)))) not (((lens\$2) same (gradient\$2 or gradial\$2 or graded) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand))) and ((427/508,510,511,553,558,595).CCLS.) ((427/162,163.2,164).CCLS.) ((427/256,258,261).CCLS.) ((427/379,384,385.5).CCLS.) ((427/407.1).CCLS.) ((347/1,6,11,40,54,56,68,102).CCLS.) ((359/652,653,900).CCLS.))) or (((lens\$2) same (gradient\$2 or gradial\$2 or graded) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand))) and ((427/508,510,511,553,558,595).CCLS.) ((427/162,163.2,164).CCLS.) ((427/256,258,261).CCLS.) ((427/379,384,385.5).CCLS.) ((427/407.1).CCLS.) ((347/1,6,11,40,54,56,68,102).CCLS.) ((359/652,653,900).CCLS.))) not (((microlens\$2 or (micro adj lens\$2) or \$5lenslet) same (gradient\$2 or gradial\$2 or graded) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand))) and ((427/508,510,511,553,558,595).CCLS.) ((427/162,163.2,164).CCLS.) ((427/256,258,261).CCLS.) ((427/379,384,385.5).CCLS.) ((427/407.1).CCLS.) ((347/1,6,11,40,54,56,68,102).CCLS.) ((359/652,653,900).CCLS.))) or (((microlens\$2 or (micro adj lens\$2) or \$5lenslet or microoptical\$2 or (micro adj optical\$2)) same (gradient\$2 or gradial\$2 or graded) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand))) ) or (((microlens\$2 or (micro adj lens\$2) or \$5lenslet or microoptical\$2 or (micro adj optical\$2)) same (GRIN or AGRIN) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand))) ) or (((microlens\$2 or (micro adj lens\$2) or \$5lenslet or microoptic\$3 or (micro adj optic\$3)) same ((differ\$4 or vary\$3 or varies or first or second or higher or lower or greater or lesser or distribut\$4 or gradient or gradient or axial\$2) near4 (index near2 refract\$4)) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand))))))</p>	USPAT; US-PGPUB	2004/02/19 09:52
Search History	2/19/04 11:54:13 AM Page 11			

47	291	((microlens\$2 or (micro adj lens\$2) or \$5lenslet or microoptical\$3 or (micro adj optical\$3)) with (print\$3 or inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or (drop near2 demand)))	USPAT; US-PGPUB	2004/02/19 09:57
48	69	((microlens\$2 or (micro adj lens\$2) or \$5lenslet or microoptical\$3 or (micro adj optical\$3)) with (print\$3 or inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or (drop near2 demand)))) and (GRIN or AGRIN or graded or gradient or gradient or gradial\$3)	USPAT; US-PGPUB	2004/02/19 09:57
49	58	((microlens\$2 or (micro adj lens\$2) or \$5lenslet or microoptical\$3 or (micro adj optical\$3)) with (print\$3 or inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or (drop near2 demand)))) and (GRIN or AGRIN or graded or gradient or gradient or gradial\$3)) not (((microlens\$2 or (micro adj lens\$2) or \$5lenslet or microoptical\$2 or (micro adj optical\$2)) same (gradient\$2 or gradial\$2 or graded) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand))) ) or (((microlens\$2 or (micro adj lens\$2) or \$5lenslet or microoptical\$2 or (micro adj optical\$2)) same (GRIN or AGRIN) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand))) )	USPAT; US-PGPUB	2004/02/19 09:58
50	665	(microlens\$2 or (micro adj lens\$2) or \$5lenslet or microoptical\$2 or (micro adj optical\$2)) same ((differ\$4 or vary\$3 or varies or first or second or higher or lower or greater or lesser or distribut\$4 or gradient or gradient or axial\$2) near4 (index near2 refract\$4))	USPAT; US-PGPUB	2004/02/19 10:02
51	170	((microlens\$2 or (micro adj lens\$2) or \$5lenslet or microoptical\$2 or (micro adj optical\$2)) same ((differ\$4 or vary\$3 or varies or first or second or higher or lower or greater or lesser or distribut\$4 or gradient or gradient or axial\$2) near4 (index near2 refract\$4))) and (print\$3 or inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or (drop near2 demand))	USPAT; US-PGPUB	2004/02/19 10:02

52	121	<p>((microlens\$2 or (micro adj lens\$2) or \$5lenslet or microoptical\$2 or (micro adj optical\$2)) same ((differ\$4 or vary\$3 or varies or first or second or higher or lower or greater or lesser or distribut\$4 or gradient or gradient or axial\$2) near4 (index near2 refract\$4))) and (print\$3 or inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or (drop near2 demand))) not (((microlens\$2 or (micro adj lens\$2) or \$5lenslet or microoptical or (micro adj optical\$3)) with (gradient\$2 or gradial\$2 or GRIN or AGRIN))) and (print\$3 or inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or (drop near2 demand))) or (((microlens\$2 or (micro adj lens\$2) or \$5lenslet or microoptical or (micro adj optical\$3)) with (gradient\$2 or gradial\$2 or GRIN or AGRIN))) and (print\$3 or inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or (drop near2 demand))) not (((lens\$2) same ((differ\$4 or vary\$3 or varies or first or second or higher or lower or greater or lesser or distribut\$4 or gradient or gradient or axial\$2) near4 (index near2 refract\$4))) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand)))) or (((lens\$2) same ((differ\$4 or vary\$3 or varies or first or second or higher or lower or greater or lesser or distribut\$4 or gradient or gradient or axial\$2) near4 (index near2 refract\$4))) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand)))) not (((lens\$2) same (gradient\$2 or gradial\$2 or graded) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand)))) and ((427/508,510,511,553,558,595).CCLS.) ((427/162,163.2,164).CCLS.) ((427/256,258,261).CCLS.) ((427/379,384,385.5).CCLS.) ((427/407.1).CCLS.) ((347/1,6,11,40,54,56,68,102).CCLS.) ((359/652,653,900).CCLS.))) or (((lens\$2) same (gradient\$2 or gradial\$2 or graded) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand)))) and ((427/508,510,511,553,558,595).CCLS.) ((427/162,163.2,164).CCLS.) ((427/256,258,261).CCLS.) ((427/379,384,385.5).CCLS.) ((427/407.1).CCLS.) ((347/1,6,11,40,54,56,68,102).CCLS.) ((359/652,653,900).CCLS.))) not (((microlens\$2 or (micro adj lens\$2) or \$5lenslet) same (gradient\$2 or gradial\$2 or graded) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand)))) and ((427/508,510,511,553,558,595).CCLS.) ((427/162,163.2,164).CCLS.) ((427/256,258,261).CCLS.) ((427/379,384,385.5).CCLS.) ((427/407.1).CCLS.) ((347/1,6,11,40,54,56,68,102).CCLS.) ((359/652,653,900).CCLS.))) or (((microlens\$2 or (micro adj lens\$2) or \$5lenslet or microoptical\$2 or (micro adj optical\$2)) same (gradient\$2 or gradial\$2 or graded) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand)))) ) or (((microlens\$2</p>	USPAT; US-PGPUB	2004/02/19 10:03
Search History	2/19/04 11:54:13 AM Page 53			
C:\APPS\EAST\Workspace	0978225			

53	21	((microlens\$2 or (micro adj lens\$2) or \$5lenslet or (microoptic\$3) or (micro adj optic\$4)) same ((cap or top or upper or above) with (base or below or lower or bottom) with (diffus\$5 or interdiffus\$5 or mix\$3)))	USPAT; US-PGPUB	2004/02/19 10:10
54	20	((microlens\$2 or (micro adj lens\$2) or \$5lenslet or (microoptic\$3) or (micro adj optic\$4)) same ((cap or top or upper or above) with (base or below or lower or bottom) with (diffus\$5 or interdiffus\$5 or mix\$3))) ) not (((microlens\$2 or (micro adj lens\$2) or \$5lenslet) same ((cap or top or upper or above) with (base or below or lower or bottom) with (diffus\$5 or interdiffus\$5 or mix\$3))) and ((427/508,510,511,553,558,595).CCLS.) ((427/162,163.2,164).CCLS.) ((427/256,258,261).CCLS.) ((427/379,384,385.5).CCLS.) ((427/407.1).CCLS.) ((347/1,6,11,40,54,56,68,102).CCLS.) ((359/652,653,900).CCLS.))) or (((microlens\$2 or (micro adj lens\$2) or \$5lenslet) same ((cap or top or upper or above) with (base or below or lower or bottom) with (index near2 refract\$4)))) and ((427/508,510,511,553,558,595).CCLS.) ((427/162,163.2,164).CCLS.) ((427/256,258,261).CCLS.) ((427/379,384,385.5).CCLS.) ((427/407.1).CCLS.) ((347/1,6,11,40,54,56,68,102).CCLS.) ((359/652,653,900).CCLS.))))	USPAT; US-PGPUB	2004/02/19 10:08
55	26	((microlens\$2 or (micro adj lens\$2) or \$5lenslet or microoptic\$3 or (micro adj optic\$4)) same ((cap or top or upper or above) with (base or below or lower or bottom) with (index near2 refract\$4)))	USPAT; US-PGPUB	2004/02/19 10:09



60	229	((microlens\$2 or (micro adj lens\$2) or \$5lenslet or (microoptic\$3) or (micro adj optic\$4)) and ((index near2 refract\$4) with (diffus\$5 or interdiffus\$5 or mix\$3) with (differ\$3 or high\$2 or low\$2 or increas\$3 or decreas\$3 or chang\$3 or variable or vary\$3 or varies or graded or gradient or gradient or gradial\$2))) ) not (((microlens\$2 or (micro adj lens\$2) or \$5lenslet or (microoptic\$3) or (micro adj optic\$4)) and ((index near2 refract\$4) with (diffus\$5 or interdiffus\$5 or mix\$3) with (differ\$3 or high\$2 or low\$2 or increas\$3 or decreas\$3 or chang\$3 or variable or vary\$3 or varies or graded or gradient or gradient or gradial\$2))) ) and (((427/508,510,511,553,558,595).CCLS.) ((427/162,163.2,164).CCLS.) ((427/256,258,261).CCLS.) ((427/379,384,385.5).CCLS.) ((427/407.1).CCLS.) ((347/1,6,11,40,54,56,68,102).CCLS.) ((359/652,653,900).CCLS.)))	USPAT; US-PGPUB	2004/02/19 10:23
61	1	6089711.pn.	USPAT; US-PGPUB	2004/02/19 10:23
62	73	((index near2 refract\$4) with (diffus\$5 or interdiffus\$5 or mix\$3) with (differ\$3 or high\$2 or low\$2 or increas\$3 or decreas\$3 or chang\$3 or variable or vary\$3 or varies or graded or gradient or gradient or gradial\$2) with (heat\$3 or temperature) with (polymer\$2 or resin\$3 or oligomer\$2 or elastomer\$2))	USPAT; US-PGPUB	2004/02/19 10:33
63	8	((microlens\$2 or (micro adj lens\$2) or \$5lenslet or microoptic\$3 or (micro adj optic\$3)) and ((differ\$4 or vary\$3 or varies or first or second or higher or lower or greater or lesser or distribut\$4 or gradient or gradient or axial\$2) near4 (index near2 refract\$4)) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand)))	EPO; JPO; DERWENT; IBM_TDB	2004/02/19 10:35
64	187	((lens\$2) and ((differ\$4 or vary\$3 or varies or first or second or higher or lower or greater or lesser or distribut\$4 or gradient or gradient or axial\$2) near4 (index near2 refract\$4)) and (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand)))	EPO; JPO; DERWENT; IBM_TDB	2004/02/19 10:37
65	29	((microlens\$2 or (micro adj lens\$2) or \$5lenslet or microoptic\$3 or (micro adj optic\$3)) and ((differ\$4 or vary\$3 or varies or first or second or higher or lower or greater or lesser or distribut\$4 or gradient or gradient or axial\$2) near4 (index near2 refract\$4)) and (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand)))	EPO; JPO; DERWENT; IBM_TDB	2004/02/19 10:40



66	21	((microlens\$2 or (micro adj lens\$2) or \$5lenslet or microoptic\$3 or (micro adj optic\$3)) and ((differ\$4 or vary\$3 or varies or first or second or higher or lower or greater or lesser or distribut\$4 or gradient or gradient or axial\$2) near4 (index near2 refract\$4)) and (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand)))) not (((microlens\$2 or (micro adj lens\$2) or \$5lenslet or microoptic\$3 or (micro adj optic\$3)) and ((differ\$4 or vary\$3 or varies or first or second or higher or lower or greater or lesser or distribut\$4 or gradient or gradient or axial\$2) near4 (index near2 refract\$4)) same (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand))))	EPO; JPO; DERWENT; IBM_TDB	2004/02/19 10:38
67	138	((microlens\$2 or (micro adj lens\$2) or \$5lenslet or microoptic\$3 or (micro adj optic\$3)) with (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand)))	EPO; JPO; DERWENT; IBM_TDB	2004/02/19 10:43
68	3	((microlens\$2 or (micro adj lens\$2) or \$5lenslet or microoptic\$3 or (micro adj optic\$3)) with (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand)))) and (graded or gradient or gradial\$3 or GRIN or AGRIN or axial\$3)	EPO; JPO; DERWENT; IBM_TDB	2004/02/19 10:41
69	1	((microlens\$2 or (micro adj lens\$2) or \$5lenslet or microoptic\$3 or (micro adj optic\$3)) with (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand)))) and (((diffus\$5 or interdiffus\$5 or mix\$3) with (differ\$3 or high\$2 or low\$2 or increas\$3 or decreas\$3 or chang\$3 or variable or vary\$3 or varies or graded or gradient or gradient or gradial\$2)))	EPO; JPO; DERWENT; IBM_TDB	2004/02/19 10:42
70	5	((microlens\$2 or (micro adj lens\$2) or \$5lenslet or microoptic\$3 or (micro adj optic\$3)) with (inkjet\$4 or (ink adj jet\$4) or (bubble adj jet\$4) or print\$4 or (drop near2 demand)))) and ((index or refract\$4) near5 (high\$3 or low\$3 or upper or lower or cap or base or top or bottom or increas\$3 or decreas\$3 or differ\$4 or chang\$3 or alter\$5))	EPO; JPO; DERWENT; IBM_TDB	2004/02/19 10:44